



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

91640-7

Date of Issuance:

4/24/17

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Paraquat Manufacturing Concentrate

Name and Address of Registrant (include ZIP Code):

Glenda Haage, agent (GHB Consulting)
GenMerica NA, LLC
1660 3rd Avenue, SW
LeMars, IA 51031

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A).

You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Continued on page 2

Signature of Approving Official:

Kathryn Montague, Product Manager 23
Herbicides Branch, Registration Division (7505P)

Date:

4/24/17

2. You are required to comply with the data requirements described in the generic data call-in (GDCI) identified below:

- a. Paraquat dichloride GDCI-061601-1172

You must comply with all of the data requirements within the established deadlines. If you have questions about the GDCI listed above, you may contact the Chemical Review Manager in the Pesticide Re-Evaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. The data requirement for storage stability (Guideline 830.6320) is not satisfied. A one-year study is required to satisfy this data requirement. You have 18 months from the date of registration to provide this data.
4. Correct the product name on the basic and alternate confidential statement of formula (CSF) to "Paraquat Manufacturing Concentrate" at the next CSF update for this product.
5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/25/2016
- Alternate CSF #1 dated 04/25/2016

If you have any questions, please contact Mindy Ondish by phone at 703-605-0723, or via email at ondish.mindy@epa.gov.

Enclosure

Paraquat Manufacturing Concentrate

For Formulation of Paraquat Herbicide Products Only

Active Ingredient:

Paraquat dichloride (1,1'-dimethyl-4,4'-bipyridinium dichloride)..... 47.1%

Other Ingredients: 52.9%

Total: 100.0%

Paraquat Technical Concentrate contains 3.22 pounds paraquat cation per gallon as 4.45 pounds salt per gallon.

Contains emetic.

KEEP OUT OF REACH OF CHILDREN



DANGER / POISON
PELIGRO / VENENO

ACCEPTED

04/24/2017

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 91640-7

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

- **NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.**
- **IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN FIRST AID SECTION. SYMPTOMS ARE PROLONGED AND PAINFUL.**

See additional precautionary statements and directions for use on label.

EPA Reg. No. 91640-7

EPA Est. No. _____

NET WEIGHT: ____ LBS (____ KG)

Manufactured For
GenMerica NA, LLC

P.O. Box 1603,
Cheyenne, WY 82003

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • SPEED IS ESSENTIAL. Immediate medical attention is required. If available, give an adsorbent such as activated charcoal, bentonite or Fuller's Earth. • Call a poison control center or doctor immediately for treatment advice. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • The odor of this product is from the stenching agent, which has been added, not from the paraquat. • If person is not breathing, call 911 or an ambulance. • Call a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
<p align="center">NOTE TO PHYSICIAN</p> <p>Administer either activated charcoal (100g for adults or 2g/kg body weight for children) or Fuller's Earth (15% solution; 1 liter for adults or 15ml/kg body weight for children). NOTE: The use of gastric lavage without administration of an adsorbent has not shown any clinical benefit. Do not use supplemental oxygen. Eye splashes from concentrated material should be treated by an eye specialist after initial treatment. With the possibility of late onset corneal ulceration, it is advised that patients with paraquat eye injuries are reviewed by an eye specialist the day after first presentation. Use treatment that is appropriate for chemical burns. Intact skin is an effective barrier to paraquat, however contact with irritated or cut skin or repeated contact with intact skin may result in poisoning.</p>	
<p align="center">Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p align="center">HOT LINE NUMBER</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals



DANGER / POISON
PELIGRO / VENENO

Fatal if inhaled. May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not breathe vapor. Do not get in eyes or on clothing. Avoid contact with skin. Wear a NIOSH-approved filtering facepiece respirator with any N, R, or P filter (e.g., TC-84A), long-sleeved shirt, long pants, waterproof gloves, shoes plus socks, and protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

IMPORTANT: The effect from swallowing paraquat is far more severe than from skin contact or from inhalation. Inhalation is an unlikely route of exposure due to low vapor pressure, but mucosal irritation or nose bleeds may occur. Prolonged contact with this concentrated product can irritate your skin.

ENVIRONMENTAL HAZARDS

WILDLIFE: This product is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in a National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

PHYSICAL AND CHEMICAL HAZARDS: This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. Do not mix or store in containers, tanks, or such systems made of aluminum or having aluminum fittings.

EQUIPMENT/CONTAINER: Flush all equipment with water after use each day. Paraquat is corrosive to aluminum. Aluminum equipment and aluminum structures that are exposed to solution or spillage should be flushed thoroughly with water immediately after use.

SPILLAGE DURING TRANSPORT

Emergency action: Notify police and fire departments immediately.

KEEP PUBLIC AND ANIMALS away from area. MARK ROADS AND WARN OTHER ROAD USERS. WEAR face shield, waterproof gloves, waterproof footwear, and long-sleeve shirt and long pants during decontamination operations.

Clean up spills as soon as possible. Cover spill with generous amount of clay or loam soil to absorb liquid, using a stiff broom to ensure intimate contact. Sweep onto shovel and transfer to plastic bag or other disposable container. Repeat operations until contaminated surfaces are dry. Finally, hose spill site with water if feasible.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this in a manner inconsistent with its labeling.

Only for formulation into an herbicide for the following uses:

Terrestrial Food:

Acerola; Alfalfa; Almonds; Apples; Apricots; Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Asparagus; Atemoya; Avocados; Bananas/Plantains; Barley; Beans, dry; Beans (lima, snap); Beechnut; Biriba; Blackberries; Black sapote; Blueberries; Boysenberries; Brazil nut; Broccoli; Butternut; Cabbage; Cabbage, Chinese; Cacao; Calamondin; Canistel; Canna, edible; Carrots; Cashew; Cassava, bitter and sweet; Cauliflower; Cavalo broccolo; Chayote (fruit and root); Cherimoya; Cherries; Chestnut; Chiquapin; Chufa; Citron melon; Citrus citron; Clover and other Legumes; Coffee; Collards; Corn (pop, field, sweet, and seed); Cotton; Cucumber; Currant; Custard apple; Dasheen (taro); Easter Lilies; Eggplant; Elderberry; Endive (escarole); Fallow land; Feijoa; Figs; Filberts; Garlic; Gherkin; Ginger; Gooseberry; Gourd, edible; Grapefruit; Grapes; Groundcherry; Guar; Guava; Hops; Hickory nut; Huckleberry; Illama; Jaboticaba; Kiwi fruit; Kumquat; Lemon; Lentils; Leren; Lettuce; Lime; Loganberry; Longan; Lychee; Macadamia nut; Mamey sapote; Mandarin; Mandarin, Satsuma; Mango; Mint (peppermint and spearmint); *Momordica* spp.; Muskmelon; Nectarines; Okra; Olives; Onions; Orange (sour & sweet); Papayas; Passion Fruit; Pastures; Pawpaw; Peaches; Peanuts; Pears; Peas; Pecans; Pepino; Peppers; Persimmon; Pigeon peas; Pineapple; Pistachios; Plums; Pomegranate; Potato; Prunes; Pulasan; Pummelo; Pumpkin; Rambutan; Raspberries; Rice; Safflower; Sapodilla; Sorghum; Soursop; Soybeans; Spanish lime; Squash; Star apple; Starfruit; Strawberries; Sugar apple; Sugar beets; Sugarcane; Sunflower; Sweet corn; Sweet potato; Taniers; Tomatillo; Tomatoes; Turmeric; Turnips; Tyfon; Walnuts; Watermelon; Waxgourd, Chinese; Wax jambu; Wheat; White sapote; Yam bean; Yam, true

Terrestrial Nonfood: Conservation Compliance Lands; Conservation Reserve Lands; Federal Set-Aside Lands; Grasses grown for seed; Resin soaking (pines); Tree Plantation Establishment; Shade and ornamental trees such as arborescens, ash, elm, fir, oak, pine, etc.

Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and

Uses for experimental purposes that are in compliance with USEPA requirements.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store at temperatures above 32°F. For help with any spill, leak, or fire involving this material, call your local dealer.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into formulation equipment. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into formulation equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER, AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, CROP OR PLANT DAMAGE, OR LOSS OF YIELD, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE WEATHER, WIND, AND TEMPERATURE, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER, AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER OR MANUFACTURER, AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY OTHER REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS. NO WARRANTIES SHALL BE CREATED BY COURSE OF DEALING, USAGE OF TRADE, OR COURSE OF PERFORMANCE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE FACE HEREOF. THE SELLER AND MANUFACTURER ASSUME NO RESPONSIBILITY THAT THE GOODS WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING OR USING THE GOODS.

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If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the goods, and return it unopened to the Seller, and the purchase price will be refunded. *By using the goods, you expressly agree to all of the terms and conditions of this contract.*

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